ABSTRACT OF THE DISCLOSURE

SLIM-LINE MOUNTING MECHANISM FOR ELECTRONIC PACKAGING

A multi function component mounting assembly is shown that, in the environment illustrated, supports a blower in an electronic device chassis in tandem with another component requiring frequent user access such as a media component. The assembly is supported on a sheet metal tray or frame with the blower mounted beneath the distal end of the tray along with its electrical connector which is supported with two degrees of limited motion to accommodate remote auto docking. The tray is secured in the opening by a unitary molded latch element that is permitted limited longitudinal movement with respect to the tray and includes biasing means which engage the tray to bias the assembly into a fully inserted position in the chassis. A drop down handle assists manual insertion and withdrawal of the assembly and disengagement of the latch securing the assembly and is moved to a stored position by insertion of the media component. The space beneath the tray between the blower and the chassis opening through which the mounting assembly is inserted affords the space in which the media component is installed.